

What is claimed is:

1. An erosion control transition mat system comprising:
 - (a) a first erosion control surface;
 - (b) a second erosion control surface;
 - (c) a third erosion control surface in overlapping relationship relative to said first erosion control surface and said second erosion control surface, said third erosion control surface comprising:
 - (i) first means for slowing fluid exiting said first erosion control surface, and for directing at least a portion of said fluid through said third erosion control surface, onto said second erosion control surface;
 - (ii) second means for slowing fluid exiting said first erosion control surface, and for directing at least a portion of said fluid through said third erosion control surface, onto said second erosion control surface.
2. The erosion control transition mat system of Claim 1, wherein said third erosion control surface is secured to said first erosion control surface.
3. The erosion control transition mat system of Claim 1, wherein said first slowing and directing means is a surface defining a slot.
4. The erosion control transition mat system of Claim 3, wherein said second slowing and directing means is a supplemental surface defining a supplemental slot.
5. The erosion control transition mat system of Claim 1, further comprising a riser provided on said third erosion control surface.

6. The erosion control transition mat system of Claim 1, further comprising a plurality of risers provided on said third erosion control surface.

7. The erosion control transition mat system of Claim 1, wherein said third erosion control surface comprises:

- (a) a rigid surface having a first end and a second end, said rigid surface defining a plurality of holes;
- (b) a riser positioned between said first end and said plurality of holes.

8. The erosion control transition mat system of Claim 7, wherein said third erosion control surface tapers outward from said first end to said second end.

9. The erosion control transition mat system of Claim 7, wherein said riser rises at least two centimeters from a surface of said third erosion control surface.

10. The erosion control transition mat system of Claim 1, wherein said first erosion control surface is hard armor and wherein said second erosion control surface is soft armor.

11. The erosion control transition mat system of Claim 1, wherein said first erosion control surface is hard armor and wherein said second erosion control surface is soil.

12. An erosion control transition system comprising:

- (a) an erosion resistant area;
- (b) an erosion susceptible area;
- (c) a rigid transition mat provided in overlapping relationship relative to said erosion resistant area and said erosion susceptible area, said transition mat comprising means for directing a fluid from said erosion resistant area, through said transition mat, and onto said erosion susceptible area.

13. The erosion control transition system of Claim 12, wherein said directing means is a surface provided with a hole through said transition mat.

14. The erosion control transition system of Claim 12, wherein said directing means is a surface defining a plurality of holes.

15. The erosion control transition system of Claim 14, wherein said transition mat further comprises means for diverting said fluid upward.

16. The erosion control transition system of Claim 12, wherein said transition mat further comprises means for diverting said fluid upward.

17. A method for reducing erosion at a transition site, comprising:

- (a) providing an erosion resistant area;
- (b) providing an erosion susceptible area;
- (c) positioning a rigid transition mat in overlapping relationship with said erosion resistant area and said erosion susceptible area;
- (d) providing said transition mat with a hole;
- (e) securing said transition mat to said erosion resistant area; and
- (f) directing fluid from said erosion resistant area, over said transition mat, through said hole in said transition mat, and onto said erosion susceptible area.

18. The method for reducing erosion at a transition site of Claim 17, further comprising diverting said fluid upward prior to diverting said fluid through said hole in said transition mat.

19. The method for reducing erosion at a transition site of Claim 17, further comprising growing vegetation upward from said erosion susceptible area through said hole in said transition mat.

20. The method for reducing erosion at a transition site of Claim 17, wherein said erosion resistant area is hard armor and said erosion susceptible area is soft armor.